AMSAT News Service Weekly Bulletins
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AMSAT NEWS SERVICE
ANS-248

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to: ans-editor [at] amsat.org

You can sign up for free e-mail delivery of the AMSAT News Service Bulletins via the ANS List; to join this list see: https://mailman.amsat.org/postorius/lists/ans.amsat.org/

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ANS-248 AMSAT News Service Weekly Bulletins

To: All RADIO AMATEURS
From: Radio Amateur Satellite Corporation
712 H Street NE, Suite 1653
Washington, DC 20002

DATE 2021 Sep 05

AMSAT-EA's GENESIS Satellites Lost in Firefly Alpha Launch Failure

Firefly's first launch attempt for their Firefly Alpha rocket ended approximately 2.5 minutes after liftoff on Thursday evening when an anomaly resulted in the loss of the vehicle. Among the payloads lost were AMSAT-EA's GENESIS-L and GENESIS-N amateur radio satellites.

Felix Paez, EA4GQS, from AMSAT-EA said "we are very proud of all the team work and very grateful for this opportunity Firefly has granted to us." He added, "in January we will launch with SpaceX through Alba Orbital, our FM repeaters Hades and EASAT-2. We will keep you posted."

Other payloads lost on the mission are listed at
https://firefly.com/firefly-aerospace-announces-dream-payload-participants/

[ANS thanks for Felix Paez, EA4GQS, and Firefly for the above information]

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VE4MM    350    361
KN2K     300    350
EA2AA    300    346
K5ZM     277    326
K8BL     278    283
KC1MMC   150    230
RA3DNC   156    200
VE3KY    150    182
N2NWK    New    173
KD9NGV   100    151
KE7RTB   100    150
W5ERX    New    133
DL6GBM   100    114
VY2HF    New    103
AA8CH    101    102 (EN84)
CM2ESP   New    101
JK2XXK   New    100
LA9XGA   New    100
WA5RR    New    100
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If you find errors or omissions. please contact me off-list at <mycall>@<mycall>.com and I'll revise the announcement. This list was developed by comparing the ARRL .pdf listings for the two months. It's a visual comparison so omissions are possible. Apologies if your call was not mentioned. Thanks to all those who are roving to grids that are rarely on the birds. They are doing a lot of the work!

[ANS thanks Ron Parsons, W5RKN, for the above information]

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Student registrations are available at $40, and General registration is at $75. Registration for the Saturday evening Symposium Banquet is an additional $55. Full details are available at the registration website.

The Crowne Plaza AiRE is located at 3 Appletree Square, Bloomington, MN 55245, adjacent to the Minneapolis-St. Paul International Airport and only steps away from the METRO Blue Line's American Blvd. stop. Nearby shopping and tourist attractions include Mall of America, SEA LIFE at Mall of America, Nickelodeon Universe, and the Minnesota Zoo.

The Symposium includes presentations, exhibit space, and the AMSAT Annual General Meeting. The preliminary schedule is presented at https://launch.amsat.org/event-4414716

The AMSAT Board of Directors Meeting will be held before the Symposium, October 28-29, at the same hotel.

Those attending may make hotel reservations by calling the hotel directly at (952) 854-9000 or (877) 424-4188 (toll free). The group name is Amateur Satellite Group.

Platinum and Titanium members of the AMSAT President's Club receive free admission to the Symposium and receive a complimentary lunch with the President on Saturday afternoon. Please email members(a)amsat.org to arrange registration.

Presenters are invited to participate at the Symposium and/or submit a paper to the Symposium Proceedings. Read the Call for Papers at https://www.amsat.org/2021-amsat-symposium-proceedings-call-for-papers/ for more information.

[ANS thanks AMSAT for the above information]

Voting Period for 2021 AMSAT Board of Directors Election Closes September 15th

The nomination period for the 2021 Board of Directors Election ended on June 15, 2021. The following candidates have been duly nominated and their candidate statements can be found at link that follows:

Joseph Armbruster, KJ4JIO
Robert Bankston, KE4AL
Jerry Buxton, N0JY
Zach Metzinger, N0ZGO

In accordance with our Bylaws, AMSAT must hold an election, even though we have four nominations for four open Director positions. As such, we will host electronic voting on our Member Portal this year, at no cost to the organization. Voting is now open and will close on September 15, 2021.

When members click on the poll link, they will see their ballot (poll question). After choosing from the possible options, click the Submit button to cast your vote. Unlike many online polls, the results of all votes cast, up to the point of your vote, will not be displayed. AMSAT members can only vote once. If you click the poll link again after already voting, a vote submitted message will be displayed. As four seats on the Board of Directors are up for election this year, all four candidates will be seated on the Board when the voting period concludes on September 15, 2021.

To read candidate biographies visit:
https://launch.amsat.org/2021-BoD-Election

AMSAT members may access their ballots at:
https://launch.amsat.org/Sys/Poll/25943

[ANS thanks Jeff Davis, KE9V, AMSAT Secretary, for the above information]

ARISS News

The next scheduled ARISS contact is TBD.

Amateurs and others around the world may listen in on contacts between amateurs operating in schools and allowing students to interact with astronauts and cosmonauts aboard the International Space Station. The downlink frequency on which to listen is 145.800 MHz worldwide.

Columbus Module radios:
IORS (Kenwood D710GA) – STATUS - Configured. Supporting cross band repeater (145.990 MHz up {PL 67} & 437.800 MHz down). Next mode change is to packet operation (145.825 MHz up & down) in late September.
Power down for upcoming RS EVA on Sep. 09.
Power down for upcoming US EVA on Sep. 12.
Supporting USOS scheduled voice contacts, packet and voice repeater ops.

Service Module radios:
Kenwood D710E – STATUS - Radio usually off.
Power down for upcoming RS EVA on Sep. 09.
Power down for upcoming US EVA on Sep. 12.
Supporting ROS scheduled voice contacts and SSTV.

The latest information on the operation mode can be found at
https://www.ariss.org/current-status-of-iss-stations.html

The latest list of frequencies in use can be found at
https://www.ariss.org/contact-the-iss.html

[ANS thanks Charlie Sufana, AJ9N, one of the ARISS operation team mentors, for the above information]

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W2, UNITED STATES (Special Event/We Will Never Forget). Members of the Great South Bay Amateur Radio Club (GSBARC)[W2GSB] and the Northeast Wireless Radio Club [NW2C] will activate the special event callsign W2T from Fort Totten Park (Army Base) Queens, NY, on September 11th, between 10 am EST to 8 pm EST. Activity is to commemorate the 20th anniversary of the attack on the World Trade Center. Operations will be on various HF bands using CW, SSB, satellites and the Digital modes. Please visit the QRZ.com W2T page after the event to get a downloadable certificate only.

TI200, COSTA RICA (Special Event). Members of the Radio Club of Costa Rica (TI0RC) will be active as TI200I from San Jose, the capital of Costa Rica, between September 1-30th. Activity is to celebrate the 200th anniversary of the Independence of Costa Rica. Operators mentioned are Carlos/ TI2CC, Gus/TI2ALF, Carlos/TI2BSH, Eugenio/TI2CCC, Charlie/TI5CDA, Luis/TI2CLX, Gregory/TI2GBB, Hugo/TI2HAS, Javier/TI2JS, Rob/TI3RCS, Eduardo/TI2SD, Victor/TI2VVV, Alfonso/TI3ATS, Jon/TI5JON, Juan "JC"/TI5VMJ, Kamal/N3KS/TI5, Adrian/TI2LCO, Juan/TI2JCY, Francisco/TI2OKY and Minor/ TI2YO. Activity will be on all HF bands using CW, SSB, FT8, RTTY, PSK31 and the Satellites. QSL via LoTW. For QSL and certificate info: ti200i(a)ti0rc.org

[ANS thanks Paul Overn, KE0PBR, AMSAT rover page manager, and the Ohio/Penn DX Bulletin No. 1529 for the above information]

Hamfests, Conventions, Maker Faires, and Other Events

AMSAT Ambassadors provide presentations, demonstrate communicating through amateur satellites, and host information tables at club meetings, hamfests, conventions, maker faires, and other events.

Northeast HamXposition - Sep 10-12, 2021, Marlborough, MA
https://hamxposition.org/

AMSAT will have a booth at the event. Additionally, the following forums on Saturday will be of interest to AMSAT members and those interested in amateur satellites.

AMSAT and Satellite Status Forum
Burns Fisher, WB1FJ
Burns’ presentation will talk about what is currently going on with AMSAT, including the new on-line membership portal and on-line distribution of The AMSAT Journal, as well as the current state of AMSAT satellites and new satellites that we are working on.
Time: 10:00 AM - 10:50 AM
Room: Princess Room

Getting Started With Amateur Satellites
Robert Hayes, KB1SWZ
Bob will share tips for the beginner to get started with the “easy” FM satellites.
Time: 11:00 AM - 11:50 AM
Room: Princess Room

An ISS Crew Contact: Planning, Execution & Learnings Along the Way
Fred Kemmerer, AB1OC
Prepare to blast off for an Amateur Radio experience of a lifetime! The ARISS program provides a way that Amateur Radio operators can work with schools and youth groups to talk to an astronaut on the International Space Station (ISS) using Amateur Radio. Fred will share all the steps needed to secure, prepare for and perform an ISS contact along with a school or youth group. Topics covered include proposal development to secure a contact, education planning around Amateur Radio and other STEM activities, and

preparing and testing an Amateur Radio Ground Station to communicate with the ISS. The talk includes video from actual ISS contacts made between schools and astronauts on the ISS.
Time: 10:00 AM - 10:50 AM
Room: Salon A

AMSAT Ambassador Clint Bradford, K6LCS, has online Zoom presentations scheduled in coming weeks with amateur groups in

New Jersey
Central New Hampshire
North Carolina
Conejo Valley CA
Sonoma County CA
Massachusetts
Antelope Valley CA

Contact Clint to arrange other events:
Clint Bradford K6LCS, AMSAT Ambassador; ARRL instructor
http://www.work-sat.com
Email: clintbradford AT mac DOT com
(909) 999-SATS (7287) - voicemail/message

[ANS thanks Paul Overn, KE0PBR, AMSAT Events page manager, for the above information]

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Join AMSAT today at https://launch.amsat.org/

In addition to regular membership, AMSAT offers membership to:

* Societies (a recognized group, clubs or organization).
* Primary and secondary school students are eligible for membership at one-half the standard yearly rate.
* Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status.
* Memberships are available for annual and lifetime terms.

Contact info [at] amsat.org for additional membership information.

73 and remember to help Keep Amateur Radio in Space!

This week's ANS Editor,

Paul Stoetzer, N8HM
n8hm at amsat dot org